

10/570045

IAP20 Rec'd PCT/PTO 01 MAR 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of :  
Takemori TAKAYAMA et al. : **Mail Stop: PCT**  
Serial No. NEW : Attorney Docket No. 2006\_0165A  
Filed March 1, 2006 :

SINTERED SLIDING MATERIAL, SLIDING  
MEMBER, CONNECTING DEVICE AND  
DEVICE USING THE SLIDING MEMBER  
[Corresponding to PCT/JP2004/012739  
Filed September 2, 2004]

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to the provisions of 37 CFR 1.56, 1.97 and 1.98, Applicants request consideration of the references listed on attached form PTO-1449 and any additional information identified below in paragraph 3. A legible copy of each reference listed on the Form PTO-1449 is enclosed, except a copy is not provided for:

- ☐ each U.S. Patent and U.S. Patent application publication;
- ☐ each reference previously cited in the international application PCT/\_\_\_\_\_;  
and/or
- ☐ each reference previously cited in prior parent application Serial No.  
\_\_\_\_\_.

1a. [X] This Information Disclosure Statement is submitted:

within three months of the filing date (or of entry into the National Stage) of the  
above-entitled application, or

ATTACHMENT "D"

before the mailing of a first Office Action on the merits or the mailing of a first Office Action after the filing of an RCE,

**and thus no certification and/or fee is required.**

- 1b. ☐ This Information Disclosure Statement is submitted

after the events of above paragraph 1a and prior to the mailing date of a final Office Action or a Notice of Allowance or an action which otherwise closes prosecution in the application, and thus:

(1) ☐ the certification of paragraph 2 below is provided, **or**

(2) ☐ the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

- 1c. ☐ This Information Disclosure Statement is submitted:

after the mailing date of a final Office Action or Notice of Allowance or action which otherwise closes prosecution in the application, and prior to payment of the issue fee, and thus:

**the certification of paragraph 2 below is provided, and**

**the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.**

2. It is hereby certified

- a. ☐ that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Statement, or
- b. ☐ that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of the Statement.

10/570045

IAP20 REC'D PTO J 1 MAR 2006

3. ☐ Consideration of the following list of additional information (including any copending or abandoned U.S. application, prior uses and/or sales, etc.) is requested.
4. For each non-English language reference listed on the attached form PTO-1449, reference is made to:
- a. ☐ a full or partial English language translation submitted herewith,
  - b. ☒ a foreign patent office search report (in the English language) submitted herewith,
  - c. ☒ the concise explanation contained in the specification (**references AF-AP and references AAC-AAE**) of the present application at pages 14, 15, 31, 70, 85 and 100,
  - d. ☒ the concise explanation set forth in the attached English language abstract,
  - e. ☐ the concise explanation set forth below or on a separate sheet attached to the reference:
5. ☐ A foreign patent office search report citing one or more of the references is enclosed.

Respectfully submitted,

Takemori TAKAYAMA et al.

By Michael S. Huppert

Michael S. Huppert  
Registration No. 40,268  
Attorney for Applicants

MSH/kjf  
Washington, D.C. 20006-1021  
Telephone (202) 721-8200  
Facsimile (202) 721-8250  
March 1, 2006

THE COMMISSIONER IS AUTHORIZED  
TO CHARGE ANY DEFICIENCY IN THE  
FEES FOR THIS PAPER TO DEPOSIT  
ACCOUNT NO. 23-0975

## INFORMATION DISCLOSURE STATEMENT

FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)  
(Use several sheets if necessary)

Date Submitted to PTO: March 1, 2006

ATTY DOCKET NO.  
2006\_0165ASERIAL NO.  
NEWAPPLICANT  
Takemori TAKAYAMA et al.FILING DATE  
March 1, 2006

GROUP

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
	AB	47-031310	11/1972	JP			Abstract	
	AC	10-280082	10/1998	JP			Abstract	
	AD	05-331504	12/1993	JP			Abstract	
	AE	2002-003962	1/2002	JP			Abstract	
	AF	2832800	12/1998	JP			Abstract	
	AG	3622938	2/2005	JP			Abstract	
	AH	6-6725	1/1994	JP			Abstract	
	AI	8-109450	4/1996	JP			Abstract	
	AJ	2001-271129	10/2001	JP			Abstract	
	AK	7-166278	6/1995	JP			Abstract	
	AL	5-36486	5/1993	JP			Abstract	
	AM	5-214468	8/1993	JP			Abstract	
	AN	3214862	10/2001	JP			Abstract	
	AO	11-217637	8/1999	JP			Abstract	
	AP	10-196552	7/1998	JP			Abstract	

## OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

	AQ	
--	----	--

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of form with next communication to applicant.

## INFORMATION DISCLOSURE STATEMENT

FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)  
(Use several sheets if necessary)

Date Submitted to PTO: March 1, 2006

ATTY DOCKET NO.  
2006\_0165ASERIAL NO.  
NEW

10/570045

APPLICANT

Takemori TAKAYAMA et al

FILING DATE  
March 1, 2006

GROUP

01 MAR 2006

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AAA						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AAB						

## OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

	AAC	The Association of Powder Process Industry & Engineering, Japan, " <u>SINTERED MACHINE PARTS - DESIGN AND PRODUCTION</u> ", GIJUTUSHOIN, October 20, 1987, pages 327-341.
	AAD	The Association of Nonferrous Metal Casting, Japan, " <u>ENGINEERING DATA BOOK OF CU ALLOY CASTING</u> ", The Materials Process Technology Center, July 30, 1988, pages 134-155.
	AAE	Seiichi Konishi and Ryo Ueda; " <u>BASED AND APPLICATION OF LUBRICATING OIL</u> ", Corona Publishing Co., Ltd January 20, 1992, pages 307-338.

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of form with next communication to applicant.